INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/09808

A. CLASSIFICATION OF SUBJECT MATTER IPC: F16L 9/14(2006.01),9/16(2006.01),59/16(2006.01)				
USPC: 285/47,123.3,123.15;138/113,114,149 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 285/47, 123.3, 123.15, 904, 123.1; 138/113, 114, 149, 112, 148				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *			Relevant to claim No.	
х	US 3,865,145 A (MCKAY et al) 11 February 1975 (1	11.02.1975), see entire document.	1-20	
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Further documents are listed in the continuation of Box C. See patent family annex.				
• 5	Special categories of cited documents: "T" later document published after the date and not in conflict with the app			
	t defining the general state of the art which is not considered to be of relevance	principle or theory underlying the inve		
	plication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered when the document is taken alone		
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"O" documen	t referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the		
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Date of the actual completion of the international search 26 December 2007 (26.12.2007)		Descar regime of the jaternational search report		
20 December 2007 (Dorrendorr)		Authorized officer		
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Form PCT/ISA/210 (second sheet) (April 2005)